AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1 (previously presented). In a communication server, a method of responding to a client application, the method comprising the steps of:

receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

creating at the server the dynamic protocol object;

sending the dynamic protocol object to the client application;

retrieving the static protocol object from a cache disposed in an operating system kernel; and

sending the static protocol object to the client application.

2 (previously presented). The method of claim 1 wherein the cache disposed within the operating system kernel is a protocol object cache.

3 (previously presented). The method of claim 1 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).

4 (previously presented). The method of claim 2 wherein the application protocol request and the reply are formatted according to a hypertext transfer protocol (HTTP).

5 (currently amended). A computer program product comprising at least one of a CD-ROM, DVD-ROM, magnetic tape, diskette, magnetic fixed disk and a semiconductor device computer-readable medium having computer program code embodied therein, the computer

program code for enabling a server to respond to a client application, the computer program code comprising:

    instructions for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

    instructions for creating at the server the dynamic protocol object;

    instructions for sending the dynamic protocol object to the client application;

    instructions for retrieving the static protocol object from a cache disposed in an operating system kernel; and

    instructions for sending the static protocol object to the client application.

    6 (previously presented). The computer program product of claim 5 wherein the cache disposed within the operating system kernel can be a protocol object cache.

    7 (previously presented). The computer program product of claim 5 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

    8 (previously presented). The computer program product of claim 6 operable to format the application protocol request and the reply according to a hypertext transfer protocol (HTTP).

    9 (previously presented). Apparatus for responding to a client application, the apparatus comprising:

    a cache disposed in an operating system kernel;

    means for receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

    means for creating at a server the dynamic protocol object;

    means for sending the dynamic protocol object to the client application;

    means for retrieving a static protocol object from the cache through an operable connection to the cache; and

means for sending the static protocol object to the client application.

10 (previously presented). The apparatus of claim 9 wherein the cache can be a protocol object cache.

11 (previously presented). An instruction execution system operable as a communication protocol server, operable to respond to a client application by performing the steps of:

receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

creating at the server the dynamic protocol object;

sending the dynamic protocol object to the client application;

retrieving the static protocol object from a cache disposed in an operating system kernel; and

sending the static protocol object to the client application.

12 (previously presented). The instruction execution system of claim 11 further operable as a hypertext transfer protocol (HTTP) server.

13 (previously presented). The instruction execution system of claim 11 wherein the cache can be a protocol object cache.

14 (previously presented). The instruction execution system of claim 12 wherein the cache can be a protocol object cache.